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INSTRUCTIONS: This for appropriate. All further considered unless corrected maintenance fee notification	rm should be used for transpondence including the selow or directed otherwise is.	nsmitting the ISSU Patent, advance on in Block 1, by (a	E FEE and ders and not of specifying	PUBLICATION FEE (if requification of maintenance fees a new correspondence address	ired). Blocks I through 5 s will be mailed to the current ; and/or (b) indicating a sep	should be completed where correspondence address as arate "FEE ADDRESS" for
	E ADDRESS (Note: Use Block 1 for	rany change of address)		Note: A certificate of Fee(s) Transmittal. The papers. Each addition	mailing can only be used f nis certificate cannot be used al paper, such as an assignm	or domestic mailings of the for any other accompanying ent or formal drawing, mus
22930 75	590 07/14/2005			have its own certificat	e of mailing or transmission.	0,
2941 FAIRVIEW I	NG DEPARTMENT PARK DR, SUITE 200 VA 22042-2924	)		Ce I hereby certify that the States Postal Service addressed to the Matransmitted to the USI	rtificate of Mailing or Tran his Fee(s) Transmittal is bein with sufficient postage for fi il Stop ISSUE FEE address PTO (571) 273-2885, on the	smission  g deposited with the Unite  rst class mail in an envelop  above, or being facsimil  date indicated below.
FALLS CHURCH 10/13/2005 TBESHAH2 000	000098 083038 009978	2565				(Depositor's name)
01 FC:1501 1400.0						(Signature)
02 FC:1504 300.0 03 FC:8001 30.0	00 DA 00 DA					(Date)
APPLICATION NO.	FILING DATE	1	FIRST NAME	D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/972,565	10/05/2001		Marc E. E	Enright JR.	A34572	5365
APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	)	\$300	\$1700	10/14/2005
·						
EXAM		ART UNIT CLASS-SUBCLASS				
<u> </u>	OSEPH C	3727		220-560080		
1. Change of correspondence CFR 1.363).  Change of correspondence CFR 1.363.	e address or indication of "F lence address (or Change of 22) attached.	,	(1) the na	nting on the patent front page, I mes of up to 3 registered pate OR, alternatively,	₁ Mich:	ael J. Bell
_			(2) the na	me of a single firm (having as	a member a 2 Howr	ey LLP
PTO/SB/47; Rev 03-02 of Number is required.	tion (or "Fee Address" Indic or more recent) attached. Us	e of a Customer	registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.			
3. ASSIGNEE NAME AND						
PLEASE NOTE: Unless recordation as set forth in	an assignee is identified b 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will app I a substitute	pear on the patent. If an assign for filing an assignment,	nee is identified below, the o	document has been filed fo
(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)						
Electric Boat Corporation Groton, CT. 06340						
Please check the appropriate	assignee category or category	ories (will not be pri	inted on the p	patent): 🗖 Individual 🛣 C	orporation or other private gi	oup entity Governmen
4a. The following fee(s) are			. Payment of	· · · · · · · · · · · · · · · · · · ·		
☐ Issue Fee ☐ A check in the amount of the fee(s) is enclosed.						
Publication Fee (No small entity discount permitted)  Advance Order - # of Copies Ten (10)  The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to						
Advance Order - # of	Copies <u>Ten (10)</u>		Deposit Acc	ector is hereby authorized by a count Number08-30	harge the required fee(s), or control (enclose an extra	copy of this form).
	MALL ENTITY status. See	37 CFR 1.27.	• • •	cant is no longer claiming SMA		10/1/
The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Iss ublication Fee (A required) ords of the United States Pat	ue Fee and Publicat will not be accepted ent and Trademark	tion Fee (if and I from anyone Office.	ny) or to re-apply any previous e other than the applicant; a reg	ly paid issue fee to the applic istered attorney or agent; or t	ation identified above. the assignee or other party in
Authorized Signature	11/1/1/4/		-		toher 11, 2005	

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SNIG		Application Number	09/972,565	`
TRANSMITTAL		Filing Date	October 5, 2001	
FORM  to be used for all correspondence after initial filing)		First Named Inventor	Marc E. ENRIGHT, Jr.	
		Art Unit	3727	
		Examiner Name	Joseph C. Merek	
J. Number of Baggs in This Submission 5		Attorney Docket Number	02317.0006.NPUS00	

	ENCLOSURES (Check all that apply)				
Fee Transmittal Form	Drawing(s)	After Allowance Communication to TC			
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final	Petition to Convert to a Provisional Application	Proprietary Information			
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter  Other Engles years (a) (please Identity			
Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please Identify below):			
Express Abandonment Request	Request for Refund	PTOL-85B and Return Postcard			
Information Disclosure Statement	CD, Number of CD(s)  Landscape Table on CD	•			
Certified Copy of Priority Document(s)	Remarks				
Response to Missing Parts/ Incomplete Application					
Response to Missing Parts under 37 CFR 1.52 or 1.53					
SIGNA	TURE OF APPLICANT, ATTORNEY, OR	AGENT			
Firm Name Howrey LLP Signature Printed name Michael J. Belf					
Date October 11/2005	Reg.	No. 39,604			
CERTIFICATE OF TRANSMISSION/MAILING					
I hereby certify that this correspondence is be sufficient postage as first class mail in an enve the date shown below.	ing facsimile transmitted to the USPTO or deposited elope addressed to: Commissioner for Patents, P.O.	with the United States Postal Service with Box 1450, Alexandria, VA 22313-1450 on			
Signature					
Typed or printed name		Date			

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PTO/SB/17 (12-04v2)
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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## **FEE TRANSMITTAL** for FY 2005

	Applicant claims small entity status	. See 37 CFR 1.27

OTAL AMOU	NT OF PAYMENT	(\$)1,730.00

Complete If Known					
Application Number	09/972,565				
Filing Date	October 5, 2001				
First Named Inventor	Marc E. ENRIGHT, Jr.				
Examiner Name	Joseph C. Merek				
Art Unit	3727				
Attorney Docket No.	02317.0006.NPUS00				

(W) Thousand							
METHOD OF PAYMEN	METHOD OF PAYMENT (check all that apply)						
Check Credit Card Money Order Other (please identify):							
Deposit Account	Deposit Account	Number: <u>08-303</u>	8	Deposit Accour	nt Name:		
For the above-iden	tified deposit a	account, the Dir	ector is hereby a	uthorized to: (che	ck all that apply	y)	
Charge fee(s)	indicated held	DW.	Ī	Charge fee(s	a) indicated belo	ow, except for the	filing fee
		) or underpayme	ents of fee(s)	=	verpayments	,	J
under 37 CFR WARNING: Information on the	1 16 and 1 1	7	L.			form. Provide cred	it card
information and authorization	n on PTO-2038						
FEE CALCULATION							
1. BASIC FILING, SEA	RCH, AND	EXAMINATIO	N FEES				
	FILING F		SEARCH I		EXAMINA	ATION FEES	
_		imall Entity	<b>5</b> (4)	Small Entity	F== (\$)	Small Entity	Fees Paid (\$)
Application Type	Fee (\$)	<u>Fee (\$)</u>	<u>Fee (\$)</u> 500	<u>Fee (\$)</u> 250	<u>Fee (\$)</u> 200	<u>Fee (\$)</u> 100	rees raid (4)
Utility	300	150			130	65	
Design	200	100	100	50		-	
Plant	200	100	300	150	160	80 _	<u> </u>
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0 _	
2. EXCESS CLAIM FE	2. EXCESS CLAIM FEES Small Entity						
Fee Description							
Each claim over 20 (inc			>			50 200	25 100
Each independent claim		luding Reissue	es)			360	180
Multiple dependent clai <u>Total Claims</u>	ms Extra <u>Cla</u>	ims Fee	(\$) Fees Pa	id (\$)		Multiple Depe	
- 20 or HP	-	x <u>-11</u>	=			Fee (\$)	Fee Paid (\$)
HP = highest number of total of	laims paid for, if	greater than 20		-			
Indep. Claims	Extra Cla	<u>ims                                    </u>	(\$) Fees Pa	<u>iid (\$)</u>			
- 3 or HP		x	=				
HP = highest number of independent claims paid for, if greater than 3							
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer							
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
	xtra Sheets	Num	ber of each add	<u>itional 50 or frac</u>	tion thereof	Fee (\$)	Fee Paid (\$)
- 100 = /50= (round <b>up</b> to a whole number) x =							
4. OTHER FEE(S) Fee Paid (\$)							
Non-English Speci	fication, \$	130 fee (no sn	nall entity disco	ount)	200 00) 6	· (#20.00)	<u> </u>
Other (e.g., late filing surcharge): Issue Fee (\$1,400.00); Publication Fee (\$300.00); Copies (\$30.00) \$1,730.00							

SUBMITTED BY	( ) 1/1/		
Signature	Mulling	Registration No. 39,604 (Attorney/Agent)	Telephone 202-783-0800
Name (Print/Typ	pe) Michael J. Bell		Date October 11, 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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